HIRSCHMANN
A BELDEN BRAND



Product: PC150/36V/48V-IP67

DC/DC converter with 48 V power output

Product Description

DC/DC converter with 48 V power output

Technical Specifications

Product description

Type:	PC150/36V/48V-IP67
Description:	DC/DC converter with 48 V power output
Part Number:	943968001

More Interfaces

Voltage input:	1.1 m cable
Voltage output:	0.5 m cable with M12-connector A-Coded

Power requirements

Current consumption:	max. 8.929 A at 16.8 VDC max. 2.344 A at 64 VDC
Input Voltage:	16.8 VDC to 64 VDC
Operating Voltage:	16.8 VDC to 64 VDC
Output Current:	max. 3.125 A at 48 V DC
Activation Current:	14 A

Power Output

Output voltage:	48 V DC

Ambient conditions

Operating temperature:	-40-+70 °C
Minimum Storage Temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	240 mm x 65 mm x 115 mm
Weight:	3.1 kg
Mount Type:	Wall mounting
IP Protection Rating:	IP67

Mechanical stability

IEC 60068-2-6 vibration:	Operating: 5 Hz .. 150 Hz, broadband noise vertical: 1,0 m/s² (rms) horizontal: 0,7 m/s² (rms), not operating: 5 Hz .. 150 Hz, broadband noise vertical: 7,9 m/s² (rms) horizontal: 5,5 m/s² (rms)
IEC 60068-2-27 shock:	15 g, 11 ms duration

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	± 6 kV contact discharge; ± 8 kV air discharge

EN 61000-4-3 electromagnetic field:	20 V/m (80 MHz ... 2700 MHz)
EN 61000-4-4 fast transients (burst):	4 kV power line
EN 61000-4-5 surge voltage:	power lines: 2 kV (line/earth), 1 kV (line/line)
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz .. 80 MHz)

EMC emitted immunity

EN 55032:	EN 55032 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

Approvals

Basis Standard:	CE, EN50155, EN61131-2
Safety of information technology equipment:	cUL 60950-1 (pending)
Railway norm:	EN 50121-4, EN 50155
Transportation:	EN 50121-4, EN 50155, EN 45545-2 HL2

Reliability

Guarantee:	24 months (please refer to the &lta href="https://assets.belden.com/m/1424ddb7a3280e7a/original/Hirschmann-Automation-and-Control-GmbH-Terms-of-Guarantee.pdf"terms of guarantee &lt/a for detailed information)

Scope of delivery and accessories

Scope of delivery:	DC/DC converter, installation guide and manual

Further Instructions

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html

History

Update and Revision:	Revision Number: 0.118 Revision Date: 02-20-2026

Variants

Item #	Type
943968001	PC150/36V/48V-IP67, IP67 Netzteil

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.